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PATENT

OCT 18 2000 Docket No. 17347-301

Applicant: David A. Browdie
Serial No.: 09/227,400
Group Art Unit: 1653

TECH CENTER 1600/2900

6. (Amended) The tissue adhesive of claim [1] ~~40~~ wherein the cross-linking agent comprises glutaraldehyde and a member selected from the group consisting of amino acids, polypeptides and proteins.

8. (Amended) The tissue adhesive of claim [1] ~~40~~ wherein the ratio of ultrasonically treated fibrous protein to ultrasonically treated globular protein is approximately 1:1.

11. (Amended) The tissue adhesive of claim [1] ~~40~~ which develops a cohesive strength of at least 5 kg/cm² and an adhesive bonding strength of at least 1 kg/cm² within five minutes post application.

12. (Amended) The tissue adhesive of claim [1] ~~40~~ further comprising approximately 0.01% methylene blue.

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Please add new claim 40 as follows:

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140. A tissue adhesive for controlling vigorously bleeding tissues comprising:
at least one fibrous protein;
at least one globular protein; and
at least one cross-linking agent; wherein
said at least one fibrous protein and said at least one globular protein are
ultrasonically treated prior to application to a mammalian tissue in need thereof.